



Special points of interest:

- 2002 PD Research Symposium Information
- CDFA Scientist Honored
- PD/GWSS Board Update
- PD Advisory Task Force Update
- Science Advisory Panel Update
- Calendar of Events

Inside this issue:

Kern County Project news	2
Citrus industry news	2
Tulare County update	2
Nursery industry news	2
Upcoming meetings	3
Interesting websites	4

The Vine Line

To enhance our efforts to maintain open lines of communication between the State of California and the public about Pierce's disease and the glassy-winged sharpshooter.

California Department of Food and Agriculture Pierce's Disease Program

2002 Pierce's Disease Research Symposium

Three-day conference to focus on current issues and future efforts

The annual Pierce's Disease Research Symposium will be held December 15-18, 2002, at the Coronado Island Marriott Resort in San Diego, California. Please mark your calendars and plan to attend this exciting event!

The symposium will bring together researchers, sponsors, and stakeholders to share the latest scientific information on Pierce's disease and the glassy-winged sharpshooter. It will provide a forum for presenting important findings, summarizing current research, and identifying promising directions.

The symposium will feature presentations on the approximately 60 projects currently being conducted against Pierce's disease and the sharpshooter. Presentations will be grouped under the following topic areas:

- Biological Control of Glassy-winged Sharpshooter
- Biological Control of Pierce's Disease

- Biology, Ecology, and Direct Impact of Glassy-winged Sharpshooter
- Breeding Cultivars of Grapes Resistant to Pierce's Disease
- Epidemiology of Pierce's Disease
- Genetics of *Xylella fastidiosa*
- Monitoring and Database Management
- Use of Pesticides and Alternative Treatments to Control Glassy-winged Sharpshooter and Pierce's Disease

The symposium will also feature summaries of activities in each major area of research, along with panel question-and-answer periods to provide increased opportunity for discussion and interaction among researchers.

More symposium information is available on the Pierce's Disease Program's website at <http://www.cdffa.ca.gov/phpps/pdcp>.

Hope to see you there!

Pierce's Disease/Glassy-winged Sharpshooter Board Update

The Pierce's Disease/Glassy-Winged Sharpshooter (PD/GWSS) Board recently funded eight research projects for a total of \$917,752 from the FY 01-02 assessment funds. It should be noted that several of these projects were cooperatively funded by the American Vineyard Foundation, CDFA, U.C. PD Program and the Viticulture Consortium. The Board also set the 2002 Assessment fee at \$2.00 per \$1000 of value. While this is a decrease from last year, it does not mean to convey there is any less of a threat to the industry from the glassy-winged sharpshooter or Pierce's disease. Originally, the board hoped to generate \$5 million each year for research

from an assessment of \$3 per \$1000 value. For 2001, the Board collected \$6 million from the assessment fee. The board, after much deliberation, determined that the reduction in the assessment fee would allow for the collection of a total of \$10 million for research over the past two years, maintaining research funding goals. The board will also fund the Bulk Grape Movement Program for wine and juice grapes through the 2002 shipping season in the amount of \$152,130. The board's next meeting will be October 29, 2002 in Ventura. For additional information on the glassy-winged sharpshooter and Pierce's disease, please visit <http://www.cdffa.ca.gov/phpps/pdcp>.

Kern County Project Update from USDA-APHIS

Monitoring the glassy-winged sharpshooter (GWSS) in the General Beale Pilot Study (GBPS) continues to indicate a very low population of the insect in the area. Only three citrus groves in the pilot study treated with Admire in 2001 developed populations of GWSS warranting foliar treatment in 2002. Routine sampling of citrus using beat nets and direct visual observations in the GBPS area continues to show an undetectable population of GWSS adult, nymph or egg stages. Protocols developed, tested and applied successfully by USDA-APHIS in the GBPS area have now been applied to the Northern Zone of the Area Wide Management (AWM) program in Kern County. This zone is the first to be treated under the AWM program, and demonstrates the effectiveness

of treatments applied in a coordinated effort in these areas. All citrus groves in the Northern Zone were treated with Admire this year. Those groves with populations of one or more GWSS per tree were treated with a foliar insecticide. This treatment has been effective in slowing the population development of GWSS in the zone. Continued weekly monitoring using sticky traps and intensive beat sheet sampling resulted in identifying only minor populations of GWSS in citrus groves. During the month of July, 4,378 sticky traps were collected weekly from citrus groves and grape vineyards in the Northern Zone. Of these, less than 1% of the traps had 10-25 GWSS per trap. These "hot spots" are primarily in vineyards and growers are being notified and made aware of the situation.

Bulk Citrus Update

The Citrus subcommittee, of the Pierce's Disease Advisory Task Force, last met in Bakersfield on September 11, 2002 to suggest revisions and updates to the bulk citrus regulations and corresponding grower, shipper, and receiver compliance agreements. The major provisions of the regulations require bulk citrus to be free from glassy-winged

sharpshooters (GWSS) prior to shipment by harvesting in a non-infested area, by treatments to fruit or the grove, or by mechanically brushing fruit. The regulations apply to bulk citrus leaving an infested area and include transiting areas under active control for GWSS.

Tulare County Update

The glassy-winged sharpshooter (GWSS) has been discovered in new areas of southeastern Tulare County. The County Agricultural Commissioner (CAC) has surveyed by trap and visual inspection to find approximately 40,000 acres of citrus affected. In 2001, the CAC treated residential areas of Porterville and Terra Bella and felt they were gaining control of GWSS populations. Not only have populations of GWSS increased in Porterville in 2002, but they are now scattered through the citrus growing areas from Strathmore south to the Kern County border.



U.C. Statewide IPM Project, Copyright, Regents, University of California

Nursery Industry Update

The nursery industry has been proactive on several fronts regarding GWSS. Earlier this year, representatives from the industry made a funding request of five million dollars to the USDA to help offset costs of labor and chemical treatments incurred by nurseries due to changes in shipping regulations because of GWSS. These added costs are currently solely borne by the individual nurseries. A pilot barrier project in Ventura County is underway. The contract paperwork is being finalized for this barrier project and the actual installation should be within the next 90 days at Valley Crest Tree Company, Ventura County. CDFA will continue to gather trap data for this project. Protocols for the approved treatment trials were sent out to various organizations and groups but there has not been a

lot of response. A Request for Proposal (RFP) will be sent to various researchers, groups, etc. in hopes of generating interest in doing these trials. This time of the year is a slow period for nursery stock shipments. Nurseries continue to report their general satisfaction with both origin and destination inspections. There has been a minimal number of rejections and the success rate for shipments arriving at destination as GWSS free is greater than 99.8%. There has been an overall increase in the number of shipments for the first seven months compared to the same time last year. This increase is about 7,000 shipments. The next meeting of the Pierce's Disease Advisory Task Force Nursery Subcommittee will be November 12, 2002 in Orange County.

Schedule of Events

October 2002

- October 3 – Outreach Subcommittee meeting, 10 a.m., Sacramento
- October 14 – Columbus Day
- October 29 – PD/GWSS Board meeting, 8 a.m., Four Points Sheraton, Ventura
- October 30 – PD Advisory Task Force meeting, 8 a.m., Four Points Sheraton, Ventura

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3 Outreach subcommittee meeting in Sacramento, 10 a.m.	4	5
6	7	8	9	10	11	12
13	14 Columbus Day	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29 PD/GWSS Board meeting in Ventura, 8 a.m.	30 PD Advisory Task Force meeting in Ventura, 8 a.m.	31		

Upcoming events:

- November 4 to 8 – California Agricultural Commissioners and Sealers Association Winter Conference in Sacramento
- November 11 – Veterans' Day
- November 12 – Nursery Subcommittee meeting.
- November 28 & 29 – Thanksgiving Day holidays
- December 15 to 18 – Pierce's Disease Research Symposium in San Diego

PD/GWSS Science Advisory Panel Meets

The PD/GWSS Science Advisory Panel met in Sacramento on September 4 - 5, 2002, to review the Pierce's Disease Program's progress and provide input and advice on the scientific aspects of the program. The panel is composed of eight university scientists from California, Texas, and Florida with knowledge and expertise in Pierce's disease and the glassy-winged sharpshooter. The meeting began with CDFA staff and cooperators providing a complete program review to the panel. Updates in each of the major elements of the program were presented, after which the panel convened in executive session to discuss program activities and develop recommendations. Comments and recommendations were provided for the five main elements of the program as well as for the major activity areas of biological control and pilot projects. The comments and recommendations will be distributed soon to cooperators, stakeholders, and interested parties.

CDFA Scientist Receives Recognition

CDFA Associate Agricultural Biologist Dr. Athar Tariq was recently recognized as the "International Personality of the Year 2001" by Cambridge (United Kingdom) in recognition of his contribution to agricultural research. The award consists of a medal of honor and a diploma. The award is presented every year to individuals whose achievements and leadership stand out in the international community. Dr. Tariq holds two Masters degrees in Botany and a Ph.D. in Natural Resources.



California Department of Food and Agriculture
Pierce's Disease Program

2014 Capitol Avenue, Suite 109
Sacramento, California 95814

Phone: 916-322-2804

Fax: 916-322-3924

Email: pdcpinfo@cdfa.ca.gov

Mailing Address Line 1
Mailing Address Line 2
Mailing Address Line 3
Mailing Address Line 4
Mailing Address Line 5

We're on the web!

<http://www.cdfa.ca.gov/phpps/pdcp/>

FLEX YOUR POWER! The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.cdfa.ca.gov.

Pierce's Disease Advisory Task Force Meets

The California Department of Food and Agriculture's Pierce's Disease Advisory Task Force met recently at agency headquarters in Sacramento. The group, appointed by CDFA Secretary William (Bill) J. Lyons, Jr., guides the ongoing effort to fight Pierce's Disease and the glassy-winged sharpshooter, an insect pest that threatens California grapes, other crops and ornamental plants. This meeting served to update Task Force members on the Pierce's Disease Program. Additional updates were provided by the Nursery, Research, Bulk Grape Movement, Citrus and Outreach subcommittees. PDP reports were given on the Kern County Pilot Project, the Kern Area Management Plan, biocontrol and rearing facilities and a financial update. The next meeting of the Pierce's Disease Advisory Task Force will be October 30, 2002, in Ventura. All meetings are open to the public. For additional information on the Task Force, the glassy-winged sharpshooter and Pierce's disease, please visit www.cdfa.ca.gov/phpps/pdcp.

Interesting Websites

University of California Statewide Integrated Pest Management Plan website:

<http://www.ipm.ucdavis.edu/PMG/r302101211.html>

California Farm Bureau Federation Glassy-winged Sharpshooter News and Information:

<http://www.cfbf.com/issues/gwss/>

Wine Institute Pierce's Disease Update:

http://www.wineinstitute.org/communications/pierces_disease/pierces_disease_update.htm

Kern County Pilot Program:

<http://www.kernag.com/kpp/kpp.htm>
